

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 19 and Rules 43 and 44)

Applicant's or agent's file reference <b>2003 - 041</b>	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. <b>PCT/EP2005/000741</b>	International filing date (day/month/year) <b>26/01/2005</b>	(Earliest) Priority Date (day/month/year) <b>29/01/2004</b>
Applicant  <b>EBEWE PHARMA GES.M.B.H. NFG. KG</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 19. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 7 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☒ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☒ Certain claims were found unsearchable (See Box II).

3. ☒ Unity of invention is lacking (see Box III).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. \_\_\_\_\_

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2005/000741

Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:

a. type of material



a sequence listing



table(s) related to the sequence listing

b. format of material



in written format



in computer readable form

c. time of filing/furnishing



contained in the international application as filed



filed together with the international application in computer readable form



furnished subsequently to this Authority for the purpose of search

2. ☒ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

3. Additional comments:

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K38/04 A23L1/305 A61P25/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A23L A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, FSTA, Sequence Search

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 188 767 A (KRAFT FOODS HOLDINGS, INC) 20 March 2002 (2002-03-20) -----	1-15
X	WO 02/46767 A (OXFORD GLYSCSCIENCES LTD) 13 June 2002 (2002-06-13) page 1, line 12 - line 14 page 4, line 7 - line 11 page 5, line 19 - line 26 SEQ ID NO:393, which corresponds to ADPI-424; claims 12, 24 page 94, line 4 - line 6 page 160, line 5 - page 162, line 7 -----	1-15
A	EP 1 325 747 A (HEALTH PHARMA S.R.L) 9 July 2003 (2003-07-09) cited in the application ----- --/--	1-15

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*8\* document member of the same patent family

Date of the actual completion of the international search

18 August 2005

Date of mailing of the international search report

26. 08. 2005

Name and mailing address of the ISA

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Schönwasser, D

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DELACOURTE ANDRE ET AL: "In vitro models of age-related neurodegenerative disorders." EXPERIMENTAL GERONTOLOGY, vol. 38, no. 11-12, 2003, pages 1309-1317, XP002329773 ISSN: 0531-5565	1-15
A	SAUTTER A ET AL: "An isoform of the rod photoreceptor cyclic nucleotide-gated channel beta subunit expressed in olfactory neurons" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, vol. 95, no. 8, 14 April 1998 (1998-04-14), pages 4696-4701, XP002285826 ISSN: 0027-8424 INVENTION 2 figure 1	1-15
A	WO 01/75067 A (HYSEQ, INC.) 11 October 2001 (2001-10-11) page 45, line 19 - line 30; sequence 57830 INVENTION 2 page 59, line 1 - page 60, line 29	1-15

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-15 (in part)

Dietary supplement mixture comprising at least the peptide defined by Sequence 1: NMVPFPR, oral dosage forms comprising said mixture and uses of said mixture for preventing or ameliorating age-associated cognitive decline or age-associated neuronal dysfunctions.

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2. claims: 1-15 (in part)

Dietary supplement mixture comprising at least the peptide defined by Sequence 2: ASAFQGIGSTHWYDGVGNS, oral dosage forms comprising said mixture and uses of said mixture for preventing or ameliorating age-associated cognitive decline or age-associated neuronal dysfunctions.

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## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/EP2005/000741**Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
  
Although claims 9-15 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/000741

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1188767	A	20-03-2002	US 6465432 B1	15-10-2002
			CA 2355921 A1	28-02-2002
			EP 1188767 A1	20-03-2002
WO 0246767	A	13-06-2002	AU 2210802 A	18-06-2002
			AU 2215602 A	18-06-2002
			EP 1339742 A2	03-09-2003
			EP 1379879 A2	14-01-2004
			WO 0246767 A2	13-06-2002
			WO 0246221 A2	13-06-2002
			US 2003092614 A1	15-05-2003
			US 2003064411 A1	03-04-2003
EP 1325747	A	09-07-2003	IT MI20012732 A1	20-06-2003
			EP 1325747 A2	09-07-2003
WO 0175067	A	11-10-2001	AU 3486501 A	14-08-2001
			AU 3995501 A	12-09-2001
			AU 4925101 A	15-10-2001
			AU 4972801 A	15-10-2001
			AU 5119401 A	15-10-2001
			AU 5521401 A	15-10-2001
			CA 2399681 A1	09-08-2001
			CA 2404501 A1	11-10-2001
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			EP 1254266 A1	06-11-2002
			EP 1268762 A1	02-01-2003
			EP 1268510 A2	02-01-2003
			JP 2004502403 T	29-01-2004
			JP 2004500120 T	08-01-2004
			WO 0157266 A1	09-08-2001
			WO 0164839 A2	07-09-2001
			WO 0175067 A2	11-10-2001
			WO 0175064 A2	11-10-2001
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			US 2004048249 A1	11-03-2004
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			US 2003087370 A1	08-05-2003
			US 2003096279 A1	22-05-2003
			US 2003235883 A1	25-12-2003
			US 6436703 B1	20-08-2002
			US 2002061567 A1	23-05-2002
			US 2003180722 A1	25-09-2003
			US 2002146757 A1	10-10-2002
			US 2005170374 A1	04-08-2005